AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) In a system including a client that has a connection with a source, wherein the connection has a bandwidth and wherein the client has a memory, a method for displaying a video stream without suppressing the video stream, the method comprising:

the client connecting with the source to select and receive a video stream, the video stream being in the MPEG format;

decoding and processing the video stream received by the client from the source, wherein memory and resources of the client are required to decode and process the video stream;

monitoring the memory and resources of the client as the video stream is decoded and processed to ensure that the client has sufficient memory and resources to decode and process the video stream; [[and]]

upon determining that the client lacks sufficient memory and resources to decode and process the video stream, the client requesting that the source transmit only specified key frames of the MPEG video stream; and

wherein the client request to transit only specified key frames causes the source to determine, for each frame in the video stream, whether a frame in the video stream is one of the specified key frames and which further causes the source to transmit the frame to the client when it is determined that the frame is one of the specified key frames and to drop the frame from the video stream being transmitted to the client when it is determined that the frame is not one of the specified key frames.

decoding and processing only key frames of the video stream if the client does not have sufficient memory and resources to decode and process the video stream, wherein other frames of the video stream are discarded by the client and only the key frames are displayed.

2.   (Currently Amended) A method as defined in claim 1, wherein ~~decoding and processing only key frames of the video stream further comprises decoding and processing~~the specified key frames consist of intra frames.

3.   (Currently Amended) A method as defined in claim 1[[2]], wherein ~~decoding and processing only key frames of the video stream further comprises one or more of~~the specified key frames consist of all of the intra frames and some of the predictive frames in the video stream.[[:]]

~~processing each intra frame of the video stream;~~

~~processing some of the intra frames of the video stream; and~~

~~processing some or all of the intra frames and some or all of predictive frames in the video stream.~~

4-8.   (Canceled)

9.   (Currently Amended) In a system that receives a video stream from a source over a connection that has a connection bandwidth, a method for displaying the video stream when the video stream requires more bandwidth than connection bandwidth, the method comprising:

connecting with the source to select and receive a video stream in the MPEG format, wherein the video stream is available in one or more versions and wherein each version requires a different bandwidth; [[and]]

upon determining that the connection bandwidth is insufficient to support the bandwidth required by the selected video stream, the client requesting that the source transmit only specified key frames of the MPEG video stream; and

wherein the client request to transit only specified key frames causes the source to determine, for each frame in the video stream, whether a frame in the video stream is one of the specified key frames and which further causes the source to transmit the frame to the client when it is determined that the frame is one of the specified key frames and to drop the frame from the video stream being transmitted to the client when it is determined that the frame is not one of the specified key frames.

~~negotiating with the source such that only key frames of the selected version of the video stream are downloaded from the source if the bandwidth of the selected version of the video stream exceeds the connection bandwidth and if the key frames do not exceed the connection bandwidth.~~

10.   (Currently Amended) A method as defined in claim 9, wherein ~~negotiating with the source such that only key frames of the video stream are downloaded from the source further comprises negotiating to download at least some of the intra frames of the selected video stream~~the specified key frames consist of intra frames.

11.   (Original)   A method as defined in claim 9, further comprising assessing available memory of a set top box, wherein the available memory of the set top box affects which version of the video stream is selected by the set top box.

12. (Currently Amended) A method as defined in claim 9, wherein ~~negotiating with the source such that only key frames of the selected version of the video stream are downloaded from the source further comprises renegotiating which frames are downloaded from the source if the connection bandwidth changes~~the client makes an additional request for specified key frames if the connection bandwidth changes.

13. (Currently Amended) A method as defined in claim 12, wherein ~~negotiating with the source such that only key frames of the selected version of the video stream are downloaded from the source~~making an additional request for specified key frames further comprises:

monitoring the connection bandwidth; and

~~negotiating with the source~~requesting specified key frames such that the frames downloaded to the set top box depend on how much connection bandwidth is available.

14-21. (Canceled)

22.   (Currently Amended) In a system that receives a video stream from a source over a connection that has a connection bandwidth, a computer program product for implementing a method for displaying the video stream when the video stream requires more bandwidth than connection bandwidth, the computer program product comprising:

a computer readable medium having computer executable instructions for performing the method, the method comprising:

connecting with the source to select and receive a video stream in the MPEG format, wherein the video stream is available in one or more versions and wherein each version requires a different bandwidth;

determining that the connection bandwidth is insufficient to support the bandwidth required by the selected video stream, the client requesting that the source transmit only specified key frames of the MPEG video stream; and

wherein the client request to transit only specified key frames causes the source to determine, for each frame in the video stream, whether a frame in the video stream is one of the specified key frames and which further causes the source to transmit the frame to the client when it is determined that the frame is one of the specified key frames and to drop the frame from the video stream being transmitted to the client when it is determined that the frame is not one of the specified key frames.

~~connecting with the source to select and receive a video stream, wherein the video stream is available in one or more versions and wherein each version requires a different bandwidth; and~~

~~negotiating with the source such that only key frames of the selected version of the video stream are downloaded from the source if the bandwidth of the selected version of the video stream exceeds the connection bandwidth and if the key frames do not exceed the connection bandwidth.~~

23.   (Currently Amended) A computer program product as defined in claim 22, wherein ~~negotiating with the source such that only key frames of the video stream are downloaded from the source further comprises negotiating to download at least some of the intra frames of the selected video stream~~the specified key frames consist of intra frames.

24.   (Original)   A computer program product as defined in claim 22, further comprising assessing available memory of a set top box, wherein the available memory of the set top box affects which version of the video stream is selected by the set top box.

25.   (Currently Amended) A computer program product as defined in claim 22, wherein ~~negotiating with the source such that only key frames of the selected version of the video stream are downloaded from the source further comprises renegotiating which frames are downloaded from the source if the connection bandwidth changes~~the client makes an additional request for specified key frames if the connection bandwidth changes.

26.   (Currently Amended) A computer program product as defined in claim 25, wherein ~~negotiating with the source such that only key frames of the selected version of the video stream are downloaded from the source~~making an additional request for specified key frames further comprises:

monitoring the connection bandwidth; and

~~negotiating with the source~~requesting key frames such that the frames downloaded to the set top box depend on how much connection bandwidth is available.

27.   (Currently Amended) In a system including a client that has a connection with a source, wherein the connection has a bandwidth and wherein the client has a memory, a computer program product for implementing a method for displaying a video stream without suppressing the video stream, the computer program product comprising:

a computer readable medium having computer executable instructions for performing the method, the method comprising:

the client connecting with the source to select and receive a video stream, the video stream being in the MPEG format;

decoding and processing the video stream received by the client from the source, wherein memory and resources of the client are required to decode and process the video stream;

monitoring the memory and resources of the client as the video stream is decoded and processed to ensure that the client has sufficient memory and resources to decode and process the video stream;

upon determining that the client lacks sufficient memory and resources to decode and process the video stream, the client requesting that the source transmit only specified key frames of the MPEG video stream; and

wherein the client request to transit only specified key frames causes the source to determine, for each frame in the video stream, whether a frame in the video stream is one of the specified key frames and which further causes the source to transmit the frame to the client when it is determined that the frame is one of the specified key frames and to drop the frame from the video stream being transmitted to the client when it is determined that the frame is not one of the specified key frames.

In a set top box that has a memory and a connection with a video stream source, computer program product for implementing a method for displaying a video stream when the memory of the set top box and a bandwidth of the connection do not support displaying the video stream, the computer program product comprising:

~~a computer readable medium having computer executable instructions for performing the method, the method comprising:~~

~~connecting with the video stream source in order to access and display a video stream;~~

~~downloading the selected video stream;~~

~~monitoring the memory of the set top box as the selected video stream is decoded, wherein only key frames of the video stream are decoded if the memory is insufficient to decode the entire selected video stream; and~~

~~monitoring the bandwidth of the connection between the set top box and the source, wherein the set top box negotiates with the source to only download key frames of the video stream if the bandwidth of the connection does not support the selected video stream.~~

28.   (Currently Amended) A computer program product as defined in claim 27, wherein ~~connecting with the video stream source further comprises assessing the bandwidth of the connection and the memory of the set top box before selecting a video stream from the source~~the specified key frames consist of intra frames.

29.   (Currently Amended) A computer program product as defined in claim 28, wherein ~~the selected video stream requires a bandwidth that is greater than the bandwidth of the connection between the set top box and the source.~~the specified key frames consist of all of the intra frames and some of the predictive frames in the video stream

30-34. (Canceled)